

## AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

### Listing of Claims:

1. (Currently Amended) In an interactive television (TV) environment, a method comprising:  
recognizing one or more ~~elements~~ patterns in an unmodified broadcast data stream; and  
prior to broadcasting, automatically inserting an interactive TV trigger into the broadcast  
data stream based on the recognized ~~elements~~ patterns.
2. (Original) The method of claim 1, further comprising:  
pre-inserting the interactive TV trigger into any stored content that will constitute the  
broadcast data stream.
3. (Currently Amended) The method of claim 2, wherein the ~~elements~~ patterns include voice  
~~elements~~ patterns.
4. (Currently Amended) The method of claim 2, wherein the ~~elements~~ patterns include other  
audio ~~elements~~ patterns.
5. (Currently Amended) The method of claim 2, wherein the ~~elements~~ patterns include video  
~~elements~~ patterns.
6. (Currently Amended) The method of claim 2, wherein the ~~elements~~ patterns include text  
~~elements~~ patterns as a special degenerate case of video ~~elements~~ patterns.
7. (Currently Amended) The method of claim 2, wherein the automatically inserting of the  
interactive TV trigger includes automatically inserting the TV trigger into the broadcast data stream  
based on the recognized ~~elements~~ patterns.
8. (Original) The method of claim 1, further comprising:  
delivering the broadcast data stream with the inserted interactive TV trigger to one or more  
receivers for display.

9. (Original) The method of claim 1, wherein the automatically inserting of the interactive TV trigger includes automatically inserting the interactive TV trigger into the broadcast data stream within a receiver.
10. (Original) The method of claim 1, wherein the interactive TV trigger includes an Advanced Television Enhancement Forum (ATVEF) trigger.
11. (Currently Amended) In an interactive television (TV) system environment, a system comprising:  
an insertion platform to insert automatically, and prior to broadcasting, interactive TV triggers into an unmodified broadcast data stream based on recognized patterns.
12. (Currently Amended) The system of claim 11, further comprising:  
a recognizing unit to recognize one or more ~~elements~~ patterns in the broadcast data stream.
13. (Currently Amended) The system of claim 12, wherein the ~~elements~~ patterns include voice ~~elements~~ patterns.
14. (Currently Amended) The method of claim 12, wherein the ~~elements~~ patterns include other audio ~~elements~~ patterns.
15. (Currently Amended) The method of claim 12, wherein the ~~elements~~ patterns include video ~~elements~~ patterns.
16. (Currently Amended) The method of claim 12, wherein the ~~elements~~ patterns include text ~~elements~~ patterns as a special degenerate case of video ~~elements~~ patterns.
17. (Currently Amended) The system of claim 12, wherein the automatically inserting of the interactive TV trigger includes automatically inserting the TV trigger into the broadcast data stream based on the recognized ~~elements~~ patterns.
18. (Original) The system of claim 11, further comprising:  
a delivering unit to deliver the broadcast data stream with the inserted interactive TV trigger to one or more receivers for display.

19. (Original) The system of claim 18, wherein the receivers are to insert automatically the interactive TV trigger into the broadcast data stream within.
20. (Original) The system of claim 11, wherein the interactive TV trigger includes an Advanced Television Enhancement Forum (ATVEF) trigger.
21. (Currently Amended) A computer-implemented method comprising:  
recognizing a media asset pattern in an unmodified broadcast data stream;  
checking if the media asset pattern matches with an interactive element; and  
prior to broadcasting, automatically inserting the interactive element into the broadcast data stream if the media asset pattern matches with interactive element.
22. (Original) The computer-implemented method of claim 21, further comprising:  
passing the broadcast data stream to one or more receivers if the media asset pattern does not match with an interactive element.
23. (Currently Amended) The computer-implemented method of claim 21, wherein the media asset pattern includes an audio pattern.
24. (Currently Amended) The computer-implemented method of claim 21, wherein the media asset pattern includes a voice pattern.
25. (Currently Amended) The computer-implemented method of claim 21, wherein the media asset pattern includes a video pattern.
26. (Currently Amended) The computer-implemented method of claim 21, wherein the media asset pattern includes a text pattern as a special degenerate case of a video pattern.
27. (Currently Amended) The computer-implemented method of claim 21, wherein the checking if the media asset pattern matches with the interactive element includes checking if the media asset pattern matches with an attribute associated with the interactive element.

28. (Original) The computer-implemented method of claim 21, wherein the interactive element includes an interactive television (TV) trigger.
29. (Original) The computer-implemented method of claim 28, wherein the interactive TV trigger includes an Advanced Television Enhancement Forum (ATVEF) trigger.
30. (Currently Amended) A computing system comprising:  
a recognizing unit to recognize a media ~~asset~~ pattern in an unmodified broadcast data stream;  
a checking unit to check if the media ~~asset~~ pattern matches with an interactive element; and  
an inserting unit to, prior to broadcasting, automatically insert the interactive element into the broadcast data stream if the media ~~asset~~ pattern matches with interactive element.
31. (Currently Amended) The computing system of claim 30, further comprising:  
a passing unit to pass the broadcast data stream to one or more receivers if the media ~~asset~~ pattern does not match with an interactive element.
32. (Currently Amended) The computing system of claim 30, wherein the media ~~asset~~ pattern includes an audio pattern or a video pattern.
33. (Currently Amended) The computing system of claim 30, wherein the media ~~asset~~ pattern includes a voice pattern.
34. (Currently Amended) The computing system of claim 30, wherein the media ~~asset~~ pattern includes a video pattern.
35. (Currently Amended) The computing system of claim 30, wherein the media ~~asset~~ pattern includes a text pattern as a special degenerate case of a video pattern.
36. (Currently Amended) The computing system of claim 30, wherein the checking unit is to check if the media ~~asset~~ pattern matches with an attribute associated with the interactive element.
37. (Original) The computing system of claim 30, wherein the interactive element includes an interactive television (TV) trigger.

38. (Original) The computing system of claim 37, wherein the interactive TV trigger includes an Advanced Television Enhancement Forum (ATVEF) trigger.

39. (Currently Amended) A machine-readable medium providing including instructions, which if executed by a processor, causes the processor to perform an operation comprising:

recognizing a media asset pattern in an unmodified broadcast data stream;

checking if the media asset pattern matches with an interactive element; and

prior to broadcasting, automatically inserting the interactive element into the broadcast data stream if the media asset matches with interactive element.

40. (Original) The machine-readable medium of claim 39, further providing instructions, which if executed by the processor, causes the processor to perform an operation comprising: passing the broadcast data stream to one or more receivers if the media asset does not match with an interactive element.